

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/016660

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ F16J15/32, F16D25/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ F16J15/32, F16D25/12, F16D25/0638

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-139155 A (NOK Kabushiki Kaisha), 17 May, 2002 (17.05.02), Figs. 1(a), (b), 2 (Family: none)	1
Y	JP 2003-329143 A (NOK Corp.), 19 November, 2003 (19.11.03), Fig. 1 (Family: none)	1
P, X	JP 2004-218821 A (NOK Corp.), 05 August, 2004 (05.08.04), Fig. 1 (Family: none)	1

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
03 February, 2005 (03.02.05)Date of mailing of the international search report
22 February, 2005 (22.02.05)Name and mailing address of the ISA/
Japanese Patent Office

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